

KB7SM.022B

3~    IP55
ATEX ZONE 22
NO CONDUCTIVE DUST



GENERAL FEATURES

- Overheating safety relief valve
- Antistatic wheels
- H filtration for hazardous dust vacuuming upon request

MACHINE

KB7SM.022B 7,5 kW, 90 l capacity, blue RAL 5012 painted, 560 mm diameter three phase industrial vacuum cleaner

TECHNICAL DATA		50 Hz	
Power	KW · HP	7,5 - 10,1	
Input voltages Y ¹⁾	V	690	
Current Y	A	10,7	
Input voltages D ¹⁾	V	400	
Current D	A	18,5	
Electric protection ²⁾			IP55
Default factory setting	V Hz	400 50	
Electrical cable:			
type			4G6 H07RN-F
length	m		9 m
plug			Not supplied
Insulation class ³⁾			F
Energetic class ⁴⁾			IE1
ATEX Mark ⁵⁾			II3D - Ex h I c III B T 135°C Dc
Maximum vacuum	mmH ₂ O	4.300	
	mbar	430	
Nominal vacuum ³⁾	mmH ₂ O	4.250	
	mbar	425	
Maximum air flow	l/min	9.183	
	m ³ /h	551	
Acoustic level ⁶⁾	dB (A)	78	
Environmental working temperature	°C		5 ÷ 40
Dust bin capacity	l		90
Wheels material			Rubber
Weight	kg		242
Packing weight	kg		262
Dimensions - L x W x H (008)	mm		1.295 x 650 x 1.990 (2.070)
Standard packing size - L x W x H (008)	mm		1.600 x 800 x 2.100 (2.180)
Diameters:			
material inlet	mm		100
air exhaust	mm		150
wheels: chassis	mm		150 - 200
wheels: bin	mm		60

FILTRATION DATA

	Default primary star filter		
	Surface area	cm ² · m ²	35.000 - 3,5
	Diameter	mm	560
	Dust Class ¹⁾ Media ²⁾		M Antistatic polyester
	Filter cleaning		Ergonomic manual filter shaker
	Optional primary filter - cartridges kit - Variant 008		
	Surface area Diameter	cm ² · m ² mm	94.800 - 9,48 560
	Dust Class ¹⁾ Media		M Antistatic polyester
	Compressed air consumption pressure	nl/min bar	48 4 ÷ 6
	Filter cleaning		Automatic cleaning system
	Upstream absolute filter - Variant 005		
	Surface area	cm ² · m ²	120.000 - 12
	Media		Glass fibre
	Dust Class ³⁾		H14
	Efficiency M.P.P.S. ⁴⁾		99,995%

Normatives: a) IEC60529; b) IEC600085; c) IEC60334-2-1; d) 2014/34/UE; e) EN60704-2-1; f) EN60335-2-69; g) EN1822

Notes:

- ¹⁾ Other input voltages upon request
- ²⁾ Maximum vacuum in continuous run
- ³⁾ Other materials available according to the material to be vacuumed
- ⁴⁾ With 0,18 µm particles

OUTFITS

		£
001	AISI 304 stainless steel dust bin	R
002	AISI 304 stainless steel dust bin and filtering chamber	R
003	Entirely made out of AISI 304 stainless steel	R
005	Upstream absolute filter (HEPA)	R
005S	Upstream absolute filter (HEPA) with M dust class primary filter - version: AISI 304 stainless steel	R
006	Electric filter shaker with push-button	R
006A	Automatic electric filter shaker	R
008	Automatic reverse jet cartridge filtering system	R
008S	Automatic reverse jet cartridge filtering system - version: AISI 304 stainless steel	R
066	Bin overfilling machine switch off	R
104	Remote on/off switch arrangement through dry contact onto processing machine electric control panel	R
403	Disposal bag vacuum balance system for dust collection directly into plastic bags	R
821	Air exhaust hose fitting	R

LEGENDA: R = price upon request I = included X = not available